

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see remarks, filed December 20, 2011, with respect to claims 1, 5 and 9 have been fully considered and are persuasive. The rejection of September 20, 2011 has been withdrawn.

Allowable Subject Matter

2. Claims 1-40 are allowed.

3. The following is an examiner's statement of reasons for allowance: The prior art of record, taken alone or in combination, fails to anticipate or render obvious a layer absorbing radiation in a wavelength range that includes wavelength greater than the wavelength λ_0 ; and wherein the semiconductor body corresponds to a PIN diode structure as recited in claims 1, 5 and 9 along with all the other limitations of the claims. .

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAUL PATTON whose telephone number is (571)272-9762. The examiner can normally be reached on 7:00 - 5:30 Monday through Thursday.

Art Unit: 2822

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on 571-272-2429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Paul E Patton
Examiner
Art Unit 2822

/P. P./
Examiner, Art Unit 2822

/Zandra V. Smith/
Supervisory Patent Examiner, Art Unit 2822